

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

#### The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

05/24/12

Stephen Nadeau Assistant District Attorney, Bristol County

Mr. Nadeau,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

1/14-1

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

2:00-4:00

DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:001:00 - 3:00

City or Department: New Bedford	Police Reference No.:
Name and Rank of Submitting Officer: Det Kelly A Alm	metida
Defendant(s) Name (last, first, initial):	
To be completed by Submitter Description of Items Submitted	To be completed by Lab Personnel Gross Weight Lab Number
A) 76-Tabs (10-3060-PR)	9.27 om
	9.27 gm
B) 445-Tabs (10-3060-FR)	38.33 Q
•	
$\mathcal{A}_{A}$	
eceived by:	Date: 10.410

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 8:00 - 11:00

DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:00

2:00 - 4:00	1:00	- 3:00
City or Department: New Bedford	Police Reference No.:	
Name and Rank of Submitting Officer: Det Kelly A Almeid	ì .	
Defendant(s) Name (last, first, initial):		noo yoo ka waxa
To be completed by Submitter Description of Items Submitted	To be completed by Lab Per Gross Weight Lab N	
A) 43-Tabs (10-3059-PR)	5.95 gm	
B) 257-Tabs (10-3059-PR)	5.95 gm	
·		
		Q. White
eccived by:	Date:	

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

2:00 - 4:00

DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:00

1:00 - 3:00

ame and Rank of Submitting Officer:	Det Kelly A Almeida		
efendant(s) Name (last, first, initial):			
be completed by Submitter			-
escription of Items Submitted		To be completed a Gross Weight	by Lab Personnel Lab Number
			1
2-Tabs (10-3058-PR)	244		
	2.44 gm 165,68 pm		
337-Tabs (10-3061-PR)	165, 68 m		
	7,0,0,7		
•			
		; 	
		<u> </u>	<u> </u>
	,		

Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 76.0 Subst: TAB Amount: 1 Cont: pb No. Cont: No. Analyzed: Date Rec'd: 10/04/2010 Net Weight: 7.62 Gross Wt.: 9.27 # Tests: Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 445.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 55.86 Gross Wt.: 58.35 # Tests: 3 950 Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 43.0 Amount: Subst: TAB No. Cont: Cont: pb 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 4-32 5.95 Gross Wt.:

4

Findings:

	New Bedford Poli		
Def:			
Amount:	257.0	Subst: TAB	
No. Cont:	1 Cont. pb		
Date Rec'd:	10/04/2010	No. Analyzed:	
Gross Wt.:	34.03	Net Weight: 3 2-1	7
Prelim:	Oxyrodore	# Tests: 3 = 3 • (PCH)  Findings: () ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	アンノ
-	New Bedford Police Detective KELLY ALM		- Charles and
Amount:	2.0	Subst: TAB	
No. Cont:	1 Cont. pb	3433.1712	
Date Rec'd:	•	No. Analyzed:	
Gross Wt.:		Net Weight: 0・92	
	oxicatore	#Tests: 1 45  2 CM Findings: 6 X Y (6 CM)	>
No. City:	New Bedford Polic	Date Analyzed:	
_	Detective KELLY ALM	IEIDA (	
Def:	007 A		
Amount:	337.0 1/4 Cont: pb	Subst: TAB	
No. Cont:	•		
Date Rec'd:		No. Analyzed:	١
Gross Wt.:	165.68	Net Weight: 133- # Tests: ≤ ⊖SE	
Prelim: C	)Acoclose	Findings: OXY ( od 0 W	,

#### DRUG POWDER ANALYSIS FORM

SAMPLE # A	GENCY New Becking ANALYST	P73
No. of samples tested:	Evidence Wt.	
PHYSICAL DESCRIPTION:	Gross Wt ( ):	
76 bluer 1000.	S+032= Gross Wt ( ):	
17 1 67		
	Net Wt:	7.6239
P 215		
PRELIMINARY TESTS		
Spot Tests	Microcrystalline Tests	
Cobalt Thiocyanate ( )	Gold Chloride	NON-MERCURAL Accordance de Visido
Marquis	TLTA ( )	
Froehde's	OTHER TESTS	
Mecke's	Musmcha AlB	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TI	<u>EST</u>
RESULTS Occore	RESULTS	20000000 H0000H000446
DATE 1-11-11	MS OPERATOR	***************************************
	DATE	

Revised 7/2005

### Drug Information

**DRUG NAME: OXYCODONE HYDROCHLORIDE** 

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Irinted 5/23/12 CBS

Color: Blue

Shape: Circle

Imprint: A; 215

Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Exciplents: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake: Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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### DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY_	Dew Bedfel. ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ):
443 blue nend tasi	Gross Wt ( ):
10-60	Pkg. Wt:
(m) (30)	Net Wt: 53-8695
	3 anougeel
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Muomola AIB
	, manufacture
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ocycoclone	RESULTS
DATE	MS OPERATOR
	DATE

Revised 7/2005

#### **Drug Information**

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue

Shape: Circle

Imprint:  $\,_{\rm M}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. ,  $_{\rm M30}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. ,  $_{\rm 30}$  ,  $_{\rm M}$ 

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

Product ID 6594281

Contact: Mallinckrodt

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## DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY Dew Beclfnel. ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
13 blue non	& table T Gross Wt ( ):
14.	Pkg. Wt:
•	Net Wt: 4.3210
215	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	muonalse 9+00
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ox Coclose	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Revised 7/2005

#### **Drug Information**

**DRUG NAME: OXYCODONE HYDROCHLORIDE** 

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG  $\,$ 

Printed 5/23/12 CBS

Color: Blue Shape: Circle

Imprint: A; 215
Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Excipients: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake : Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide

Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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# DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY(C	Dew Bearford, ANALYST 659
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
257 blue sonce tesse	Gross Wt ( ):
√ - 62	Pkg. Wt:
	Net Wt: 32.1つ5以
$\overline{\mathbb{G}}$	
	3 crayed
• •	
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Muomeda A+K9
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclose	RESULTS
DATE 1-11	MS OPERATOR
	DATE

#### **Drug Information**

**DRUG NAME: OXYCODONE HYDROCHLORIDE** 

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue Shape: Circle

Imprint:  $\,_{M}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.  $_{M30}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.  $_{M30}$   $_{M}$ 

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid) NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline ; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

**Product ID 6594281** 

Contact: Mallinckrodt

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#### DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY New Real Fred. ANALYST AS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
2 yellow a	en a table Gross Wt ( ):
2 yerron a	Pkg. Wt:
	Net Wt: 0-9214
10/325	(E712)
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Masmobe AVB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclore	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

#### Drug Information

**DRUG NAME: ENDOCET** 

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Printed 5/23/12 CBS

Color: yellow

Shape: Oval

Imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 - .

Acetaminophen with Oxycodone

NDC: 60951-0712-85 60951-0712-70

Excipients: Povidone; pregelatinized starch; Stearic Acid; colloidal silicon

dioxide; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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### DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY No. of samples tested:	Deus Beckfact. ANALYST 759  Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
337 nellows over	
337 yellow oval	Pkg. Wt:
	Net Wt: 155.1
(E)12) (10/325)	
	5 grayes.
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ( )	Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	
	MUONOSCAID
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclose	RESULTS
DATE	
<u> </u>	OPERATOR
•	DATE

Revised 7/2005

Printed 5/23/12 CBS

### **Drug Information**

**DRUG NAME: ENDOCET** 

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Color: yellow Shape: Oval

imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 -

Acetaminophen with Oxycodone

NDC: 60951-0712-85 60951-0712-70

**Excipients:** Povidone ; pregelatinized starch ; Stearic Acid ; colloidal silicon

dioxide; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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#### Area Percent / Library Search Report

VKAC 5/24/12

Information from Data File:

File Name : F:\Q1-2011\System7\01\_13\_11\765544.D

Operator : KAC

Date Acquired : 13 Jan 2011 19:18

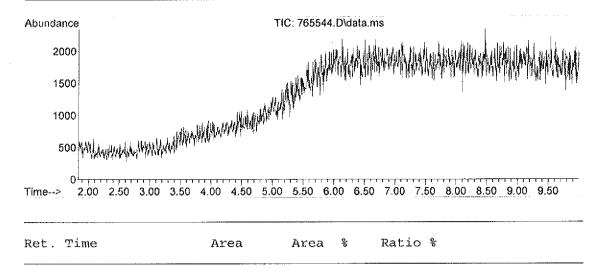
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765545.D

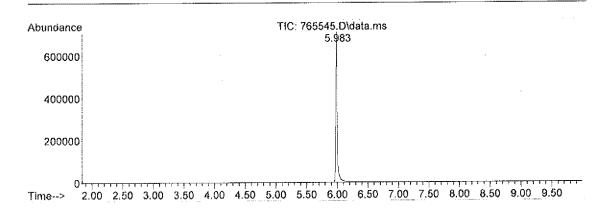
Operator : KAC

Date Acquired : 13 Jan 2011 19:30

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area		Ratio %	 
5.983	1054593	100.00	100.00	

```
Information from Data File:
```

: F:\Q1-2011\System7\01 13 11\765545.D File Name

Operator : KAC

Date Acquired : 13 Jan 2011 19:30 OXYCODONE STD Sample Name

Submitted by

Vial Number 14 AcquisitionMeth: DRUGS.M : RTE Integrator

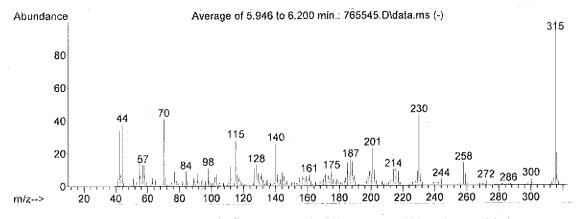
Search Libraries: C:\Database\SLI.L

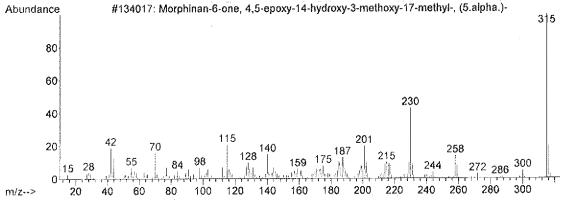
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.98	C:\Database\NIST05a.L		
_			oxy-14-hydro 000076-42-6 oxy-14-hydro 000076-42-6	
		Morphinan-6-one, 4,5-epo	oxy-14-hydro 000076-42-6	99



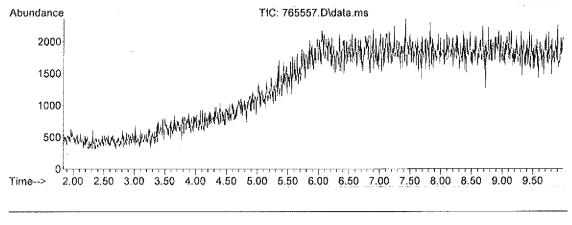


File Name : F:\Q1-2011\System7\01 13 11\765557.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:00

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

: F:\Q1-2011\System7\01\_13\_11\765558.D File Name

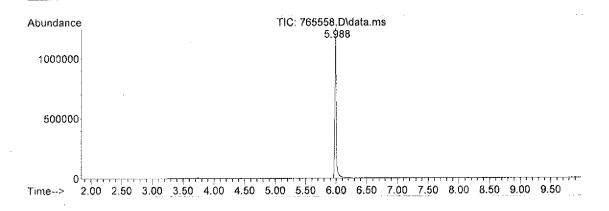
: KAC Operator

22:12 Date Acquired : 13 Jan 2011

Sample Name Submitted by Vial Number

: ASD : 58 AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area		Ratio %
5.988	1874664	100.00	

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01 13 11\765558.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:12

Sample Name :
Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

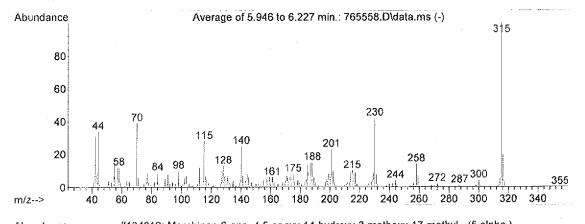
Minimum Quality: 80

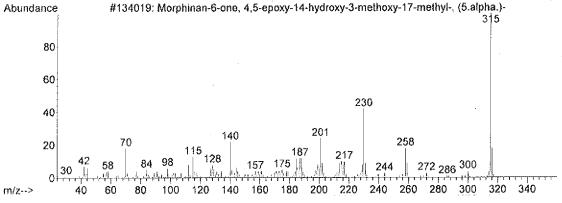
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5а. L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



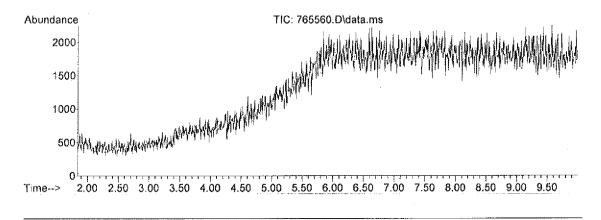


File Name : F:\Q1-2011\System7\01\_13\_11\765560.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:37

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

: F:\Q1-2011\System7\01\_13\_11\765561.D File Name

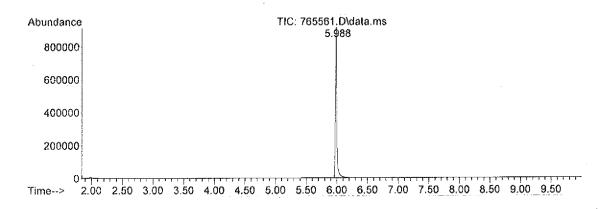
: KAC Operator

Date Acquired : 13 Jan 2011 22:50

Sample Name

: ASD : 61

Submitted by Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time		Area %	Ratio %
5.988	1380118		

```
Information from Data File:
File Name
                  : F:\Q1-2011\System7\01_13_11\765561.D
Operator
                  : KAC
                                   22:50
Date Acquired
                    13 Jan 2011
Sample Name
                    ASD
Submitted by
Vial Number
                     61
AcquisitionMeth: DRUGS.M
Integrator
                  : RTE
                                                           Minimum Quality: 80
Search Libraries:
                       C:\Database\SLI.L
                       C:\Database\NIST05a.L
                                                           Minimum Quality: 80
                       C:\Database\PMW TOX2.L
  PK#
                   Library/ID
                                                                CAS#
                                                                             Qual
         RT
                  C:\Database\NIST05a.L
   1
         5.99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                               99
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                          Average of 5.946 to 6.174 min.: 765561.D\data.ms (-)
Abundance
                                                                              315
     80
     60
                                                         230
                  70
      40
                             115
                                   140
     20
                                               187
                                                                258
               55
                                128
                                        159
                                                                   272 287 300
                                                 200
                                                       220
                                                           240
                                                                260
                                                                     280
m/z-->
           40
                60
                              120
                                        160
                                             180
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
Abundance
                                                                              315
     80
     60
                                                         230
     40
                                                  201
                                   140
                                                                258
     20
                                               187
                                                      217
                                           175
```

244

260

240

200

180

220

272 286 300

300

280

m/z-->

58

60

80

100

120

140

160

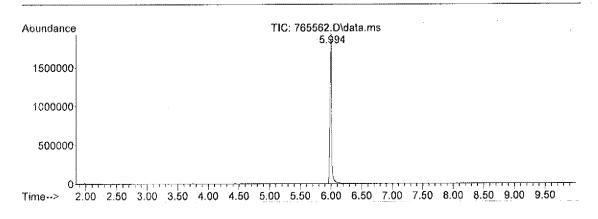
File Name : F:\Q1-2011\System7\01\_13\_11\765562.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:02

Sample Name : Submitted by : ASD Vial Number : 62

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.994	3445562	100.00	100.00

: F:\Q1-2011\System7\01\_13\_11\765562.D File Name

: KAC Operator

Date Acquired 13 Jan 2011 23:02

Sample Name Submitted by : ASD Vial Number 62

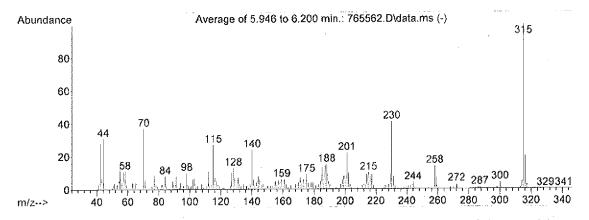
AcquisitionMeth: DRUGS.M : RTE Integrator

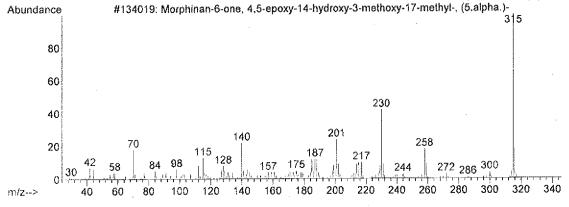
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	·	CAS#	Qual
1	5.99	C:\Database\NISTO			
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





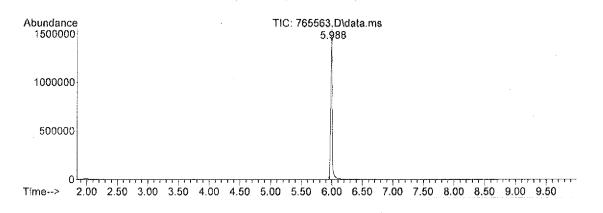
File Name : F:\Q1-2011\System7\01\_13\_11\765563.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:15

Sample Name : Submitted by : ASD

Vial Number : 63 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	2478261	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765563.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:15

Sample Name :
Submitted by : ASD
Vial Number : 63
AcquisitionMeth: DRUGS.M

Integrator : RTE

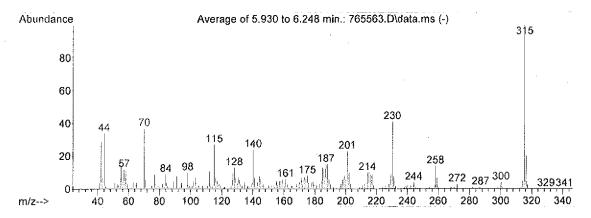
Search Libraries: C:\Database\SLI.L

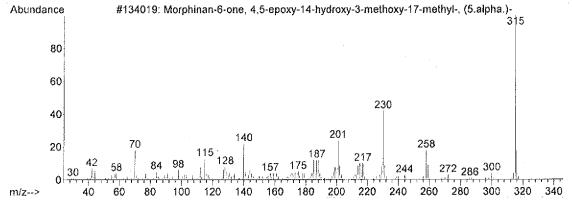
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 1	5.99	C:\Database\NIST0!	5a.L 4,5-epoxy-14-hydro	000076-42-6	99
			4,5-epoxy-14-hydro		99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





File Name : F:\Q1-2011\System7\01\_13\_11\765565.D

Operator : KAC

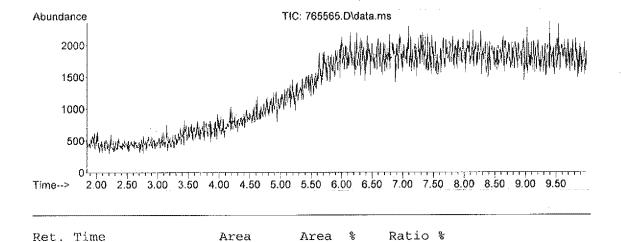
Date Acquired : 13 Jan 2011 23:40

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

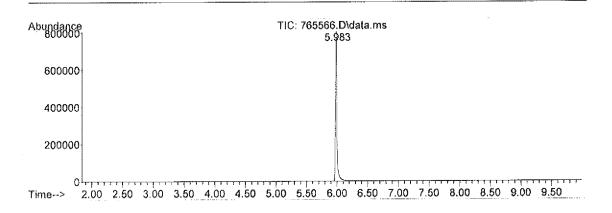
File Name : F:\Q1-2011\System7\01\_13\_11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52 Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area		Ratio %
5.983	1246284	100.00	

File Name : F:\Q1-2011\System7\01\_13\_11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

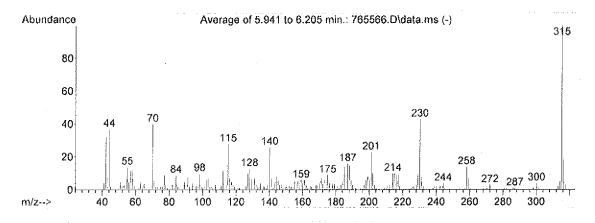
PK# RT Library/ID CAS# Qual

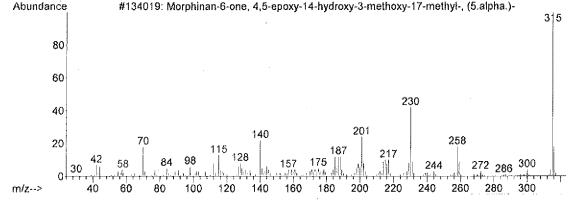
1 5.98 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6



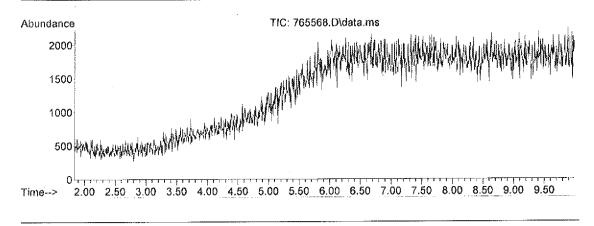


File Name : F:\Q1-2011\System7\01\_13\_11\765568.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:17

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

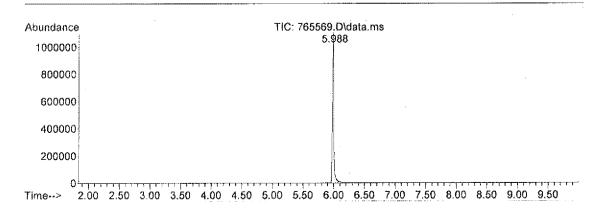
File Name : F:\Q1-2011\System7\01\_13\_11\765569.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:29

Sample Name :

Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1630092	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01 13 11\765569.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:29

Sample Name :
Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE

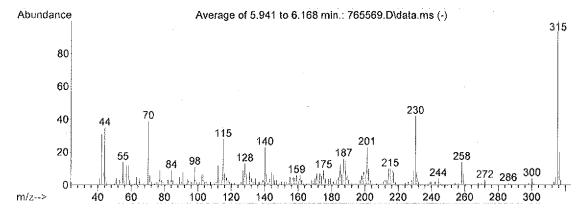
Search Libraries: C:\Database\SLI.L

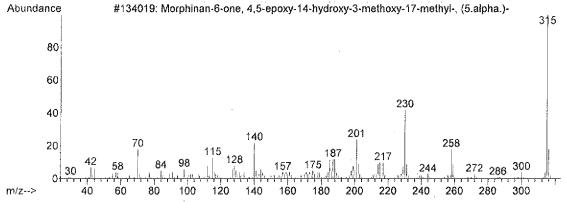
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

I	PK#	RT	Library/ID		CAS#	Qual
	1	5,99	C:\Database\NIST0	5a.L		
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



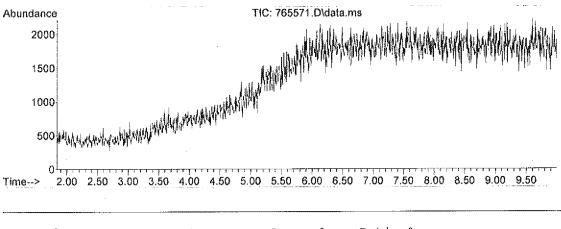


File Name : F:\Q1-2011\System7\01 13 11\765571.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:54

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

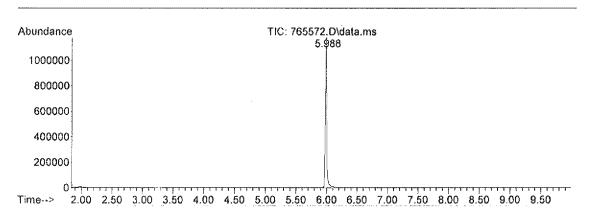
File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name :

Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1748467	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name :
Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : RTE

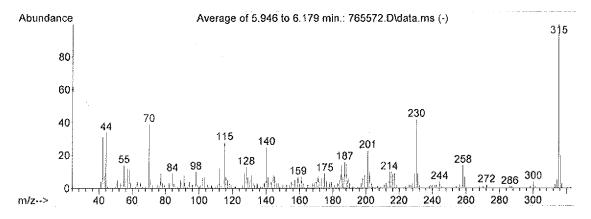
Search Libraries: C:\Database\SLI.L

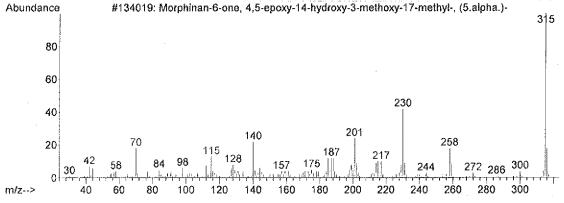
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
•		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





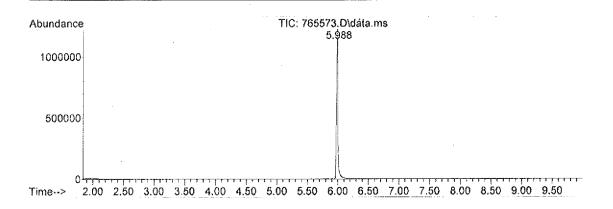
File Name : F:\Q1-2011\System7\01\_13\_11\765573.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:19

Sample Name :

Submitted by : ASD
Vial Number : 73
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1871569	100.00	100.00

```
Information from Data File:
```

: F:\Q1-2011\System7\01 13 11\765573.D File Name

KAC Operator

14 Jan 2011 Date Acquired 1:19

Sample Name Submitted by ASD 73 Vial Number

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

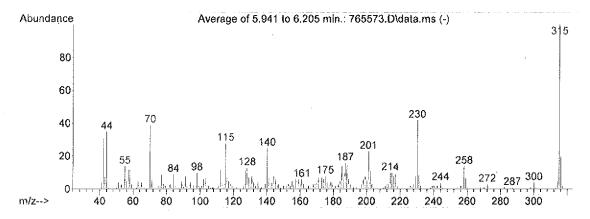
Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

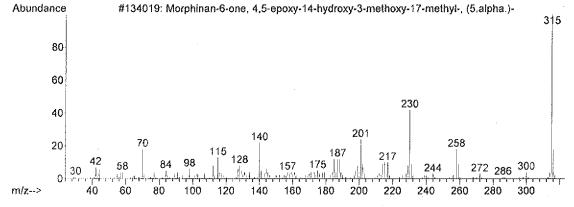
99

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.99	C:\Database\NIST05a.L		-
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6





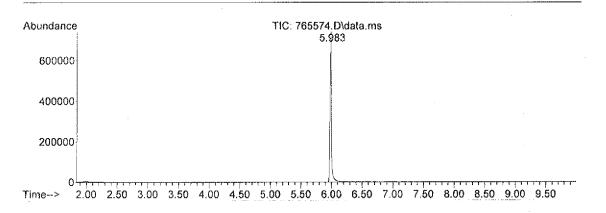
File Name : F:\Q1-2011\System7\01\_13\_11\765574.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:32

Sample Name :

Submitted by : ASD
Vial Number : 74
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1119046	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765574.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:32

Sample Name :

Submitted by : ASD
Vial Number : 74
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

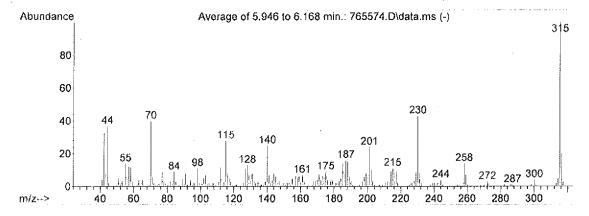
PK# RT Library/ID CAS# Qual

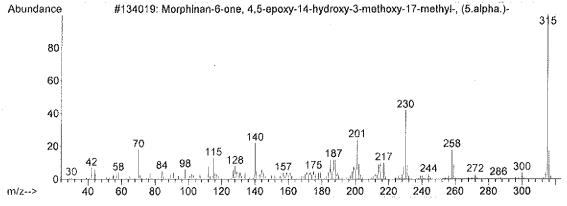
1 5.98 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





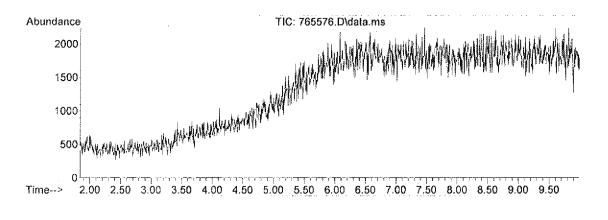
Minimum Quality: 80

File Name : F:\Q1-2011\System7\01\_13\_11\765576.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765577.D

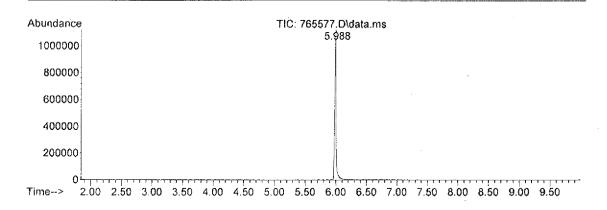
Operator : KAC

Date Acquired : 14 Jan 2011 2:09

Sample Name Submitted by : ASD : 77 Vial Number

AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1684676	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765577.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:09

Sample Name : Submitted by : ASD Vial Number : 77

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

.L Minimum Quality: 80 105a.L Minimum Quality: 80

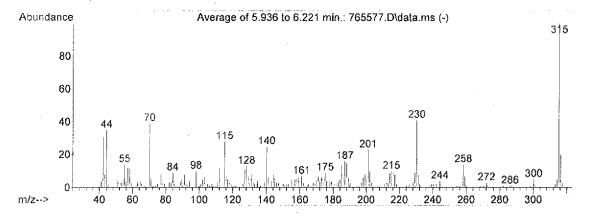
C:\Database\NIST05a.L

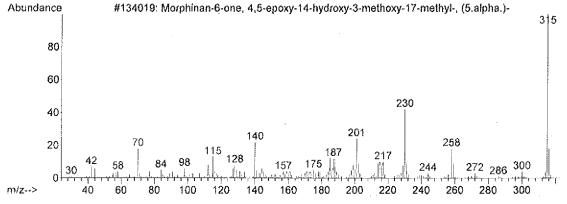
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 5.99 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99



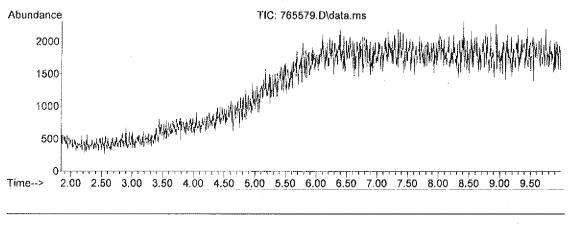


File Name : F:\Q1-2011\System7\01\_13\_11\765579.D

Operator : KAC

Date Acquired: 14 Jan 2011 2:34

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

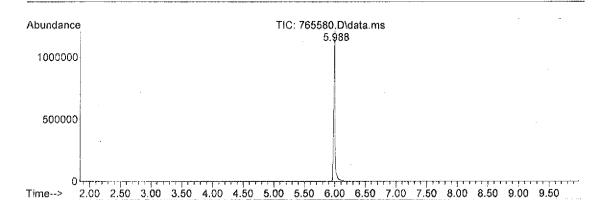
File Name : F:\Q1-2011\System7\01\_13\_11\765580.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:47

Sample Name :

Submitted by : ASD
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1784455	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765580.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:47

Sample Name :

Submitted by : ASD
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

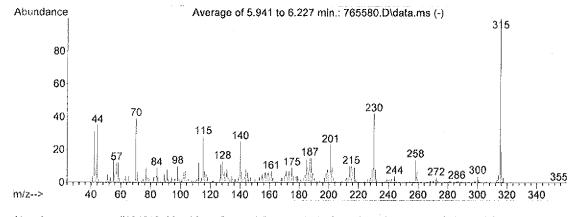
tabase\SLI.L Minimum Quality: 80 tabase\NIST05a.L Minimum Quality: 80

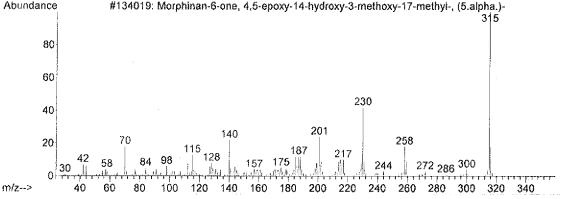
C:\Database\NIST05a.L
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 5.99 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





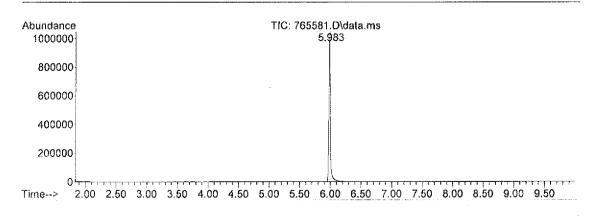
File Name : F:\Q1-2011\System7\01 13 11\765581.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:59

Sample Name

Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1627115	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01\_13\_11\765581.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:59

Sample Name : Submitted by : ASD

Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS.M
Integrator : RTE

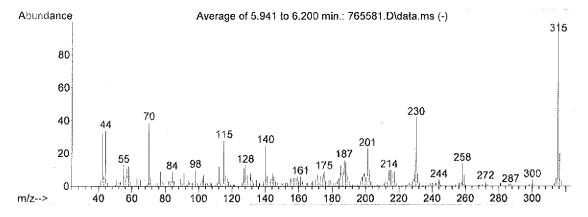
Search Libraries: C:\Database\SLI.L

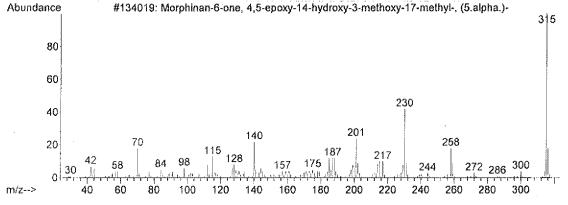
I.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	5,98	C:\Database\NISTO	5а.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





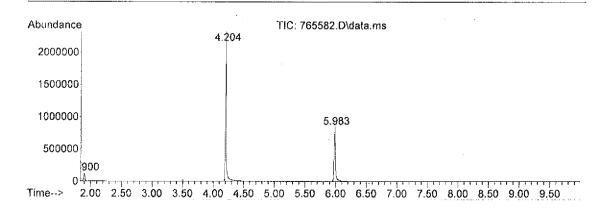
File Name : F:\Q1-2011\System7\01\_13\_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

Sample Name :

Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	139803	3.57	5.59	
4,204	2499379	63.78	100.00	
5.983	1279725	32.66	51.20	

File Name : F:\Q1-2011\System7\01\_13\_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

Sample Name : Submitted by : ASD

Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE

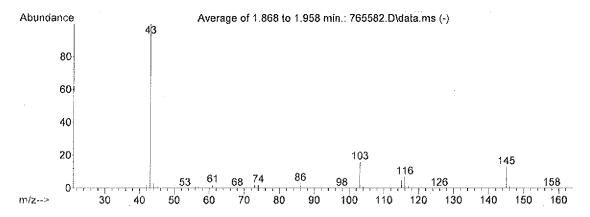
Search Libraries: C:\Database\SLI.L

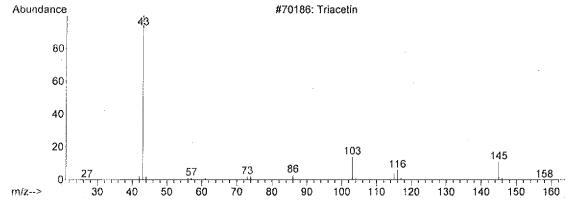
J.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK	# RT	Library/ID	CAS#	Qual
1	1.90	C:\Database\NIST05a.L Triacetin Triacetin	000102-76-1 000102-76-1	90 90
		Triacetin	000102-76-1	90





File Name : F:\Q1-2011\System7\01 13 11\765582.D

Operator : KAC

Date Acquired: 14 Jan 2011 3:12

Sample Name :
Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE

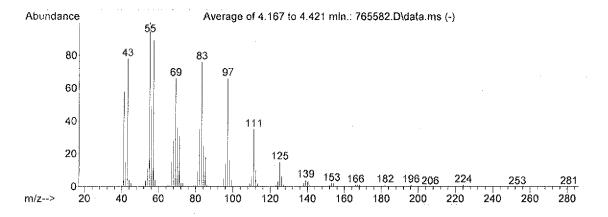
Search Libraries: C:\Database\SLI.L

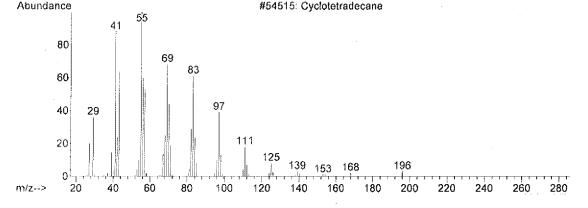
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L Cyclotetradecane 1-Heptadecanol 1-Hexadecanol	 000295-17-0 001454-85-9 036653-82-4	95 95 94





```
Information from Data File:
                  : F:\Q1-2011\System7\01_13_11\765582.D
File Name
Operator
                   : KAC
Date Acquired
                     14 Jan 2011
                                      3:12
Sample Name
Submitted by
                     ASD
Vial Number
                      82
AcquisitionMeth: DRUGS.M
Integrator
                   : RTE
Search Libraries:
                       C:\Database\SLI.L
                                                             Minimum Quality: 80
                       C:\Database\NIST05a.L
                                                             Minimum Quality: 80
                       C:\Database\PMW_TOX2.L
  PK#
          RT
                   Library/ID
                                                                 CAS#
                                                                               Qual
   3
          5.98
                  C:\Database\NIST05a.L
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
Abundance
                          Average of 5.946 to 6.179 min.: 765582.D\data,ms (-)
                                                                                315
      80
      60
                                                          230
                  70
      40
                             115
                                    140
                                                   201
      20
                                                                 258
              55
                                128
                         98
                                         161 175
                                                      215
                      84
                                                             244
                                                                    272 287 300
           40
m/z-->
                60
                     80
                         100
                              120
                                   140
                                        160
                                             180
                                                  200
                                                       220
                                                                 260
                                                                      280 300
                                                            240
Abundance
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                               315
     80
     60
                                                          230
     40
                                                  201
                                   140
                  70
                                                                 258
     20
                                               187
                                                       217
                                128
                         98
               58
                     84
                                       157
                                            175
                                                                    272 286 300
                                                             244
```

m/z-->

30

40

60

80

100

120

140

160

180

200

220

240

260

280

300

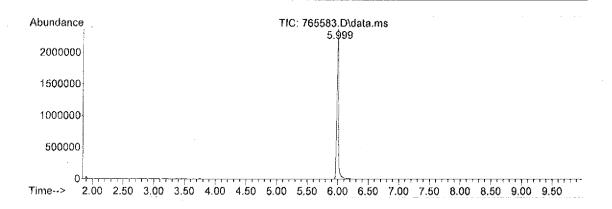
File Name : F:\Q1-2011\System7\01\_13\_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name :

Submitted by : ASD
Vial Number : 83
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.999	4322866	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name :

Submitted by : ASD Vial Number : 83 AcquisitionMeth: DRUGS.M Integrator : RTE

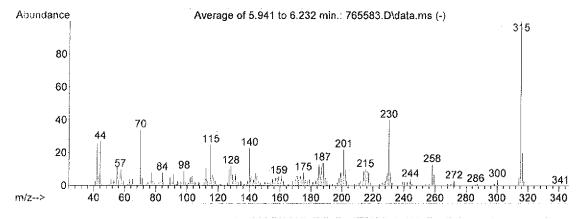
Search Libraries: C:\Database\SLI.L

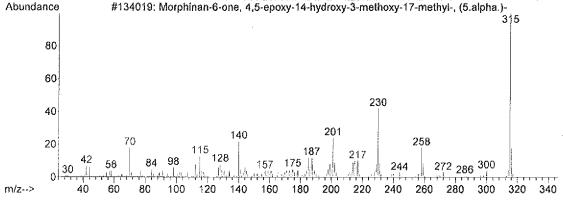
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	6.00	C:\Database\NIST0	5a.L		
			4,5-epoxy-14-hydro		99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





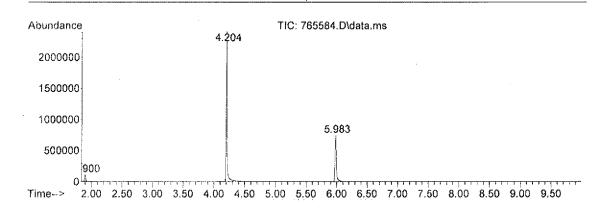
File Name :  $F:\Q1-2011\System7\01_13_11\765584.D$ 

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name :

Submitted by : ASD
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	131858	3.46	5.18	
4.204	2545401	66.88	100.00	
5.983	1128558	29.65	44.34	

File Name : F:\Q1-2011\System7\01 13 11\765584.D

Operator : KAC

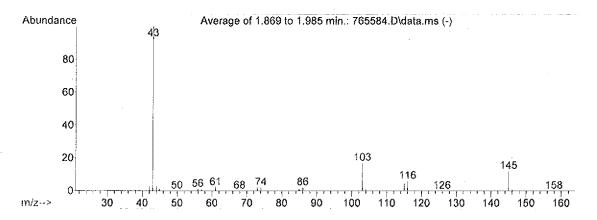
Date Acquired 14 Jan 2011 3:37

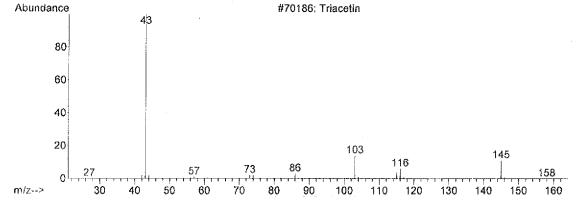
Sample Name Submitted by Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
 1	1.90	C:\Database\NIST05a,L		
		Triacetin	000102-76-1	90
		1,2,3-Propanetriol, diacetate	025395-31-7	90
		Triacetin	000102-76-1	90





File Name : F:\Q1-2011\System7\01\_13\_11\765584.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name : Submitted by : ASD Vial Number : 84

AcquisitionMeth: DRUGS.M Integrator : RTE

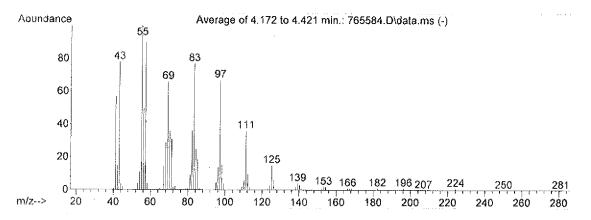
Search Libraries: C:\Database\SLI.L

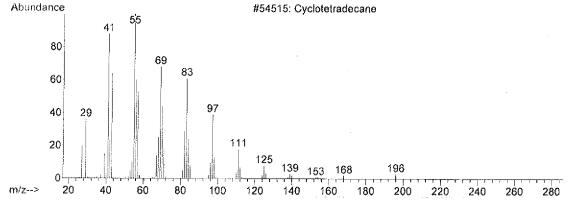
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L		
		Cyclotetradecane	000295-17-0	95
		1-Heptadecanol	001454-85-9	95
		1-Hexadecanol	036653-82-4	94





```
Information from Data File:
File Name
                    : F:\Q1-2011\System7\01 13 11\765584.D
Operator
                    : KAC
Date Acquired
                      14 Jan 2011
                                         3:37
Sample Name
Submitted by
Vial Number
                       84
AcquisitionMeth: DRUGS.M
Integrator
                    : RTE
Search Libraries:
                         C:\Database\SLI.L
                                                                 Minimum Quality: 80
                         C:\Database\NIST05a.L
                                                                Minimum Quality: 80
                         C:\Database\PMW TOX2.L
   PK#
          RT
                     Library/ID
                                                                      CAS#
                                                                                    Qual
    3
          5.98
                   C:\Database\NIST05a.L
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                                                                                     99
Abundance
                            Average of 5.920 to 6.163 min.: 765584.D\data.ms (-)
                                                                                     315
      80
      60
                                                              230
                    70
      40
                               115
                                      140
                                                      201
      20
               55
                                                                     258
                                   128
                           98
                       84
                                           161 175
                                                                         272 287 300
m/z-->
           40
                 60
                      80
                           100
                                120
                                      140
                                                180
                                                     200
                                           160
                                                           220
                                                                240
                                                                     260
                                                                           280
Abundance
                #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                                    315
      80
      60
                                                             230
      40
                                                      201
                                      140
                                                                     258
      20
                                                  187
                                                          217
                58
                                               175
                                          157
                                                                        272 286 300
                                                                 244
```

 $m/z \rightarrow$ 

60

80

100

120

140

160

180

200

240

280

File Name : F:\Q1-2011\System7\01\_13\_11\765586.D

Operator : KAC

Date Acquired : 14 Jan 2011 4:02

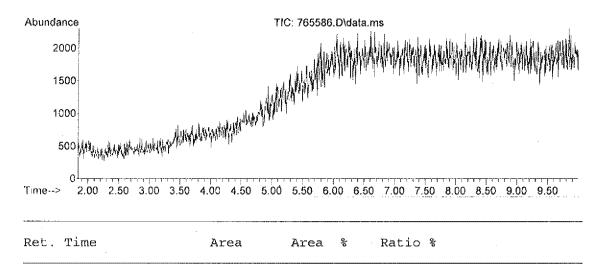
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765587.D

: KAC Operator

4:14

Date Acquired : 14 Jan 2011 Sample Name

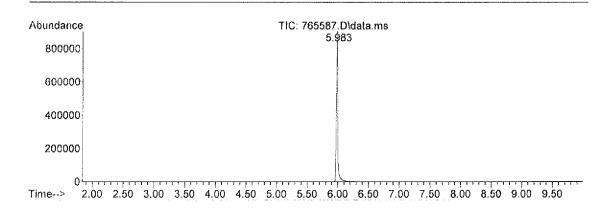
: OXYCODONE STD

Submitted by

Vial Number 14 AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
5.983	1336448	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765587.D

Operator : KAC

Date Acquired : 14 Jan 2011 4:14

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
 1	5.98	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one	4.5-epoxy-14-hydro	000076-42-6	99

